

06-14-01

**NON-PROVISIONAL  
UTILITY PATENT APPLICATION  
TRANSMITTAL - 37 CFR 1.53(b)**

**[ ] Duplicate**  
(check, if applicable)

JC997 U.S. PTO  
09/880503

06/13/01  
JC961 U.S. PTO

Assistant Commissioner for Patents  
**BOX PATENT APPLICATION**  
Washington, DC 20231

Attorney Docket No. 9596-331 (053893-5034)  
First Named Inventor: Douglas B. Cines  
Express Mail Label No. EL719362853  
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

**COMPOSITIONS AND METHODS FOR MODULATING MUSCLE CELL AND TISSUE  
CONTRACTILITY**

which is:

- ☒ an ☒ Original; or  
☐ a ☐ Continuation, ☐ Divisional, or ☐ Continuation-in-part (CIP)  
of prior Application No. \_\_\_\_\_ filed \_\_\_\_\_.  
Anticipated Group/Art Unit: \_\_\_\_\_ or Class \_\_\_\_\_, Subclass \_\_\_\_\_.  
☒ This non-provisional patent application is based on Provisional Patent Application No.  
60/212,874, filed June 20, 2000.

Enclosed are:

- ☒ Specification (including Abstract) and claims: 89 pages.  
☐ Application Data Sheet.  
☒ Newly unexecuted Declaration (original/copy).  
☐ Copy of Declaration from prior application.  
☐ Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).  
☒ 14 sheets of drawings (formal) plus one copy.  
☐ Microfiche computer program (Appendix).  
☒ Nucleotide and/or Amino Acid Sequence Submission, including:  
☒ Computer readable copy ☒ Paper Copy ☒ Verified Statement.  
☐ Under PTO-1595 Cover Sheet, an assignment of the invention  
☒ Name of Assignee: The Trustees of the University of Pennsylvania  
☐ Certified copy(ies) of \_\_\_\_\_ Application No(s). \_\_\_\_\_ filed \_\_\_\_\_ is/are filed:  
☐ herewith or ☐ in prior application &@.  
☒ Applicant(s), by its/their undersigned attorney, claim(s) Small Entity Status under 37  
C.F.R. §1.27 as ☐ an Independent Inventor, or ☐ a Small Business Concern, or ☒ a  
Non-Profit Organization.  
☐ Preliminary Amendment.  
☐ Information Disclosure Statement, PTO-1449, and cited references.  
☐ Request for Nonpublication of Application Under 35 U.S.C. §122(b)  
☐ Other:

The filing fee is calculated as follows:

			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$355			BASIC FEE: \$710	
Total	55-20 =	35	X9	\$315.00	OR	X18	\$
Independent	13- 3=	10	X40	\$400.00	OR	X80	\$
[ ] Multiple Dependent Claims Present			\$135	\$	OR	\$270	\$
			<b>TOTAL</b>	<b>\$ 1070.00</b>	OR	<b>TOTAL</b>	<b>\$</b>

- [ ] **The Commissioner is not authorized to charge the filing fee at this time as we elect to defer payment of the entire filing fee until receipt of a Notice to File Missing Parts.**
- [X] A check in the amount of \$1070.00 to cover the filing fee is enclosed.
- [X] The Commissioner is hereby authorized to charge and/or credit **Deposit Account No. 50-0310 (Billing No. 053893-5034)** as noted below. A duplicate copy of this sheet is enclosed.
- [X] Any overpayments or deficiencies in the above-calculated fee.
- [ ] Filing fee in the amount of \$\_\_\_\_\_ as calculated above.
- [X] Any additional fees required under 37 C.F.R. § 1.16 and § 1.17.
- [X] In the event that a Petition for Extension of Time is required during the prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

**CORRESPONDENCE ADDRESS:**

June 13, 2001  
(Date)

By:

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KD/kck  
Enclosures